

SCHEDULE

4.) Develop production-related baseline schedules or other tools required to make independent assessments of program progress.

5.) Develop draft Production Readiness Review (PRR) plans, evaluation sheets, and other documentation required at these reviews.

m.) Quality Assurance (QA):

1.) Develop draft/recommended procedures, schedules, and critical objectives for incorporation into the respective Program Offices QA Program Plan and associated documents.

2.) Within the provisions set forth in NAVSEAINST 4200.19 "SERVICE CONTRACT RESTRICTIONS AND SAFEGUARDS," develop draft QA provisions for solicitations, document, specifications, technical data packages, and other documents.

3.) Analyze the effectiveness of QA efforts at the shipbuilders construction sites.

3.) Integrated Logistics Support Management (PMS317 specific items):

a.) Develop draft and maintain approved Integrated Logistics Support Plans (ILSPs).

b.) Identify requirements for Integrated Logistics Support (ILS) test and demonstration/verification/review for each contract/SOW.

c.) Review ECPs and other design changes and recommend actions based upon total logistics program impact.

d.) Review and evaluate ILS data.

e.) Conduct analyses of logistics requirements in light of new methodologies and policies.

f.) Maintenance Planning:

1.) Perform analysis during detail design to ensure that Maintenance Man-Hours Per Operating Cycle (MMHS OC) goals are being achieved.

2.) Review detail design to ensure that maintenance access goals are met.

3.) Analyze Government Furnished Equipment/Contractor Furnished Equipment (GFE/CFE) maintenance planning systems and recommend actions to utilize state of the art techniques for determining maintenance requirements.

4.) Provide technical support for preparation of the Class Maintenance Plan.

g.) Manpower, Personnel, and Training (MPT):

SCHEDULE

- 1.) Review and analyze the requirements for Navy Training Plans and ship and shore manpower documents.
- 2.) Analyze CESA data to verify that task and skill analysis have been performed and the proper skills have been identified to satisfy Organizational, Intermediate and Depot Level maintenance requirements.
- 3.) Review and analyze MPT Data submitted by the shipbuilder.
- 4.) Develop draft Navy Training Plans and Crew Scheduling & Phasing Plans and track the status of all crew training requirements and completion.

h.) Technical Manuals:

- 1.) Develop drafts and review existing technical manual contract requirements.
- 2.) Review and comment on the shipbuilders Technical Manual Organization Plan.

i.) Configuration Management and Data Management:

- 1.) Participate in ship configuration audits.
- 2.) Develop draft Contract Data Requirements Lists (CDRLs) and related Data Item Descriptions (DIDs) for each ship/contract.
- 3.) Provide technical support for evaluation of CDRLs and CDRL tasking and contribute to overall contract data reviews and CDRL redirection efforts.
- 4.) Provide technical evaluation of configuration and other data processing methods and recommend improved processes.

j.) Reliability, Maintainability, and Availability (RM&A):

- 1.) Perform analysis to ensure RM&A processes such as Failure Mode, Effects, and Criticality Analysis (FMECA), and Data Collection and Corrective Action (DCACA) are continuously incorporated into logistics products.
- 2.) Review and evaluate RM&A data submitted by shipbuilder for conformance with contract requirements.
- 3.) Integrate RM&A with CESA and Quality Assurance.

4.) Tests, Trials, Evaluation, and Delivery Management:

a.) Develop draft support documentation including Test and Evaluation Master Plans (TEMP), Live Fire Test and Evaluation (LFT&E) Plans, Ship Test Management Plans (STMP), Sequential Event Schedules (SES), and Trials Plans. Ensure that testing and trials are adequately addressed in these plans to support ship development and test program management.

b.) Monitor or observe key testing, studies, and analyses during construction and trials to determine shipbuilders conformance to contractual requirements and plans.

SCHEDULE

c.) Develop draft contract clauses and other inputs necessary to ensure proper execution of the Test and Evaluation (T&E) program by the shipbuilder. Prepare proposed data requirements for incorporation into CDRLs and SOW. Prepare data specification inputs and/or review test and evaluation issues and provide comments.

d.) Prepare draft guidance for the shipbuilder to test Government Furnished Equipment (GFE), designated Contractor Furnished Equipment (CFE), and related interfaces.

e.) Prepare draft technical test, trials, and evaluation information including test documentation booklets, test procedures, test change proposals and related data.

f.) Evaluate shipbuilder developed test and trials documentation including test indices, test schedules, test procedures, test reports, test problem reports, and trial cards and provide detailed comments.

PART A: RDT&E (CAAS)

Applicable to Items 0001 and 0002 and (if options are exercised) Items 0005, 0006, 0010, 0014, and 0018

1.) Marine Construction and Combat Systems Engineering:

a.) Maintain program plans, work breakdown structures, program networks, action item tracking, control notebooks, program notebooks, program handbooks, and other programmatic documentation.

2.) Support for Acquisition Planning, Processing, and Monitoring:**a.) *Planning:***

1.) Collect and analyze project program schedule information for formulation of a chronological procurement item schedule, considering lead times for processing.

2.) Review, evaluate and provide recommended changes to technical data collected for input into procurement planning documents.

3.) Collect and analyze data required for the preparation of new procurement approval documentation.

b.) *Processing:*

1.) Collect, edit and maintain technical information provided by Program Office.

SCHEDULE

2.) Edit and prepare documentation for the initial draft stages of the procurement approval cycle.

3.) Within the provisions set forth in NAVSEAINST 4200.19 "SERVICE CONTRACT RESTRICTIONS AND SAFEGUARDS," prepare draft procurement planning data in appropriate formats and submit for review.

4.) Establish and maintain data repositories for procurement instruments.

c.) Monitoring:

1.) Develop and provide reports on content and status of procurement planning documents related to project programs.

2.) Maintain data and provide information necessary for the monitoring of specialized procurement authorization documents.

3.) Tests, Trials, Evaluation, and Delivery Management:

a.) Develop draft contract clauses and other inputs necessary to ensure proper execution of the Test and Evaluation (T&E) program by the shipbuilder. Prepare data requirements for incorporation into CDRLs and SOW. Prepare data specification inputs and/or review comments for test and evaluation issues and provide comments.

b.) Develop draft Ship Test Management Plans (STMP) and Sequential Events Schedule (SES) to plan and schedule significant test and trial events.

c.) Develop draft acquisition, design, and construction period support documentation including Test and Evaluation Master Plans (TEMPs), Live Fire Test and Evaluation (LFT&E) Plans, and special test and trial plans, and programmatic management plans.

d.) Develop and maintain graphic programmatic plans and schedules of acquisition events/activities in relationship to key test program events/activities. Provide periodic reports describing progress, problems, and forward planning.

e.) Monitor or observe key testing, studies, analyses during acquisition and contract design to determine and report on conformance to support documentation requirements and plans.

4.) Financial Analysis Support:

a.) Provide quality control analysis and verification of execution data that is integrated into the financial and contract reporting management information systems. These efforts include:

SCHEDULE

- 1.) Detailed Task Plan (DTP) accuracy.
 - 2.) SPD line item and DTP coordination.
 - 3.) DTP and execution (STARS) validation and accuracy.
 - 4.) Contract discrepancy corrections.
 - 5.) Other monthly variance/discrepancy reports.
- b.) Review program execution status reports for obligation accuracy for the following efforts: recoupment of funds, field activity end of year report position, and multi-appropriation contracts.
- c.) Provide detailed cost analysis studies such as cost benefit analysis, historical appropriation financial analysis, review of PARM financial and execution efforts including historical program financial analysis, and cost impact of changes in production rates and delivery schedules.
- d.) Provide support for POM/program impact issue papers for the Acquisition/Program Manager.
- e.) Assist in the preparation of various funding documents (excluding Procurement Requests).
- f.) Provide financial analysis or studies in response to critical, urgent and/or emergent problems.

PART B: RDT&E (NON CAAS)

Applicable to Items 0001 and 0002 and (if options are exercised) Items 0005, 0006, 0010, 0014, and 0018

1.) Marine Construction and Combat Systems Engineering:

- a.) Within the provisions set forth in NAVSEAINST 4200.19 "SERVICE CONTRACT RESTRICTIONS AND SAFEGUARDS", develop draft contract documentation including SOWs, special clauses, ship specifications, CDRLs, and contract schedules.
- b.) Prepare draft responses to critical, urgent and/or emergent requirements to resolve program problems, or clarify program issues including performing special studies/analyses, providing quick responses, or providing specialized technical support.
- c.) Provide engineering disciplines involved with development of new ships, craft, and associated systems, design, analysis, and testing.

SCHEDULE

d.) Provide engineering disciplines associated with Service Life Extension including Electro-Magnetic Interference (EMI) support, Contract Plant Service (CPS)/on-site representative support, Command, Control, and Communication support and Reliability, Maintainability, and Availability (RMA) support.

e.) Analyze shipboard problems and operational feedback encountered during construction using the following criteria:

- 1.) Technical description of the problem;
- 2.) Impact of not resolving the problem;
- 3.) Impact of recommended resolution on operational capabilities;
- 4.) Scope of corrective action(s).

f.) Conduct feasibility studies and other studies in support of Amphibious Warfare mission requirements.

g.) Provide technical support in the review of existing contract specifications.

2.) Integrated Logistics Support Management:

a.) Develop draft and maintain approved Integrated Logistics Plans and documentation.

b.) Identify requirements for Integrated Logistics Support (ILS) test and demonstration/verification/review for each contract/SOW.

c.) Review and evaluate ILS data.

d.) Conduct analyses of logistics requirements in light of new methodologies and policies.

e.) Review and update logistics support documentation for conformance to existing procedures, guidance and practices.

f.) Provide analysis of Computer-Aided Logistics Support (CALS) initiatives for implementation on LHD and LPD 17 programs.

SCHEDULE**3.) Quality Assurance (QA):**

a.) Within the provisions set forth in NAVSEAINST 4200.19 "SERVICE CONTRACT RESTRICTIONS AND SAFEGUARDS," develop draft QA provisions for solicitations, specifications, technical data packages, SOWs, and other documents.

PART A: O&MN/FMP (CAAS)

Applicable to Item 0001 and (if options are exercised) Items 0005, 0009, 0013, and 0017

1.) LCAC Life Cycle Management Program:

In support of LCAC Life Cycle Management, the contractor will provide Program, Configuration, Logistics, Financial, and Technical support management services outlined in the following paragraphs:

a.) Program Management

- 1.) Provide studies, reports, draft correspondence and associated support for the Life Cycle Management Director.
- 2.) Maintain status, schedules and milestones for all Mid Life Availabilities (MLA) and Restricted Availabilities (RAV).
- 3.) Compile and maintain status of all program action items.
- 4.) Maintain a correspondence control tracking system.

b.) Configuration Management

- 1.) Review Fleet Modernization Program related documents and provide support to identify LCAC Craft Alterations (CraftAlts) requirements.
- 2.) Maintain CraftAlts information in a readily accessible and expandable system.
- 3.) Review and compare CraftAlts development schedules.
- 4.) Maintain a status of applicable CraftAlts (K & D Alts) and Alterations Equivalent to Repairs (AER) for all LCACs and for each availability.
- 5.) Develop and maintain a configuration data repository to support the Program Office.

SCHEDULE**c.) Integrated Logistics Support Management**

The contractor will perform logistics support functions including but not limited to the following:

1.) Provide logistics support on LCAC life cycle management policies by interfacing with planning yard, In-Service Engineering Agent (ISEA), NAVSEA equipment Life Cycle Managers, Navy Inventory Control Point (NICP), organic and non-organic repair depots and various Defense Logistics Agency (DLA) components when requested by the Contracting Officer's Representative (COR).

2.) Develop draft material ordering instructions for implementation to the Technical and Engineering Support Services (TESS) contract by the ACUs when requesting material not supported by the supply system.

d.) Technical Management

1.) Provide a draft Class Advisory Logbook; monitor, and maintain Class Advisory Logbook.

2.) Provide quick-response reviews and maintain status of technical problems.

e.) Financial Analysis Support

1.) Provide quality control analysis and verification of execution data that is integrated into the financial and contract reporting management information systems. These efforts include:

a.) Detailed Task Plan (DTP) accuracy.

b.) SPD line item and DTP coordination.

c.) DTP and execution (STARS) validation and accuracy.

d.) Contract discrepancy corrections.

e.) Other monthly variance/discrepancy reports.

2.) Review program execution status reports for obligation accuracy for the following efforts: recoupment of funds, field activity end of year report position, and multi-appropriation contracts.

3.) Provide detailed cost analysis studies such as cost benefit analysis, historical appropriation financial analysis, review of PARM financial and execution efforts including historical program financial analysis, and cost impact of changes in production rates and delivery schedules.

4.) Provide support for POM/program impact issue papers for the Acquisition/Program Manager.

5.) Conduct equipment/product cost and schedule surveys for the Acquisition/Program Manager.

6.) Assist in the preparation of various funding documents (excluding Procurement Requests).

7.) Provide financial analysis or studies in response to critical, urgent and/or emergent problems.

SCHEDULE**2.) AN/KSQ-1 and PLRS Life Cycle Management Program:**

Provide the necessary studies, reports, draft correspondence and associated support to the AN/KSQ-1 & PLRS Life Cycle Management Program.

a.) Integrated Logistics Support Management

1.) Identify Life-Cycle management activities to be performed by the Software Support Activity (SSA), In-Service Engineering Agent (ISEA) and Systems Integration Agent (SIA).

2.) Develop and provide technical support on the utilization of a logistics support procedure to assist in carrying out life cycle support functions.

3.) Identify the proposed responsibilities of the SSA, ISEA, and SIA in carrying out life cycle management support including ILS and configuration control functions.

4.) Conduct analyses and studies of logistics support problems.

b.) Financial Analysis Support

1.) Provide quality control analysis and verification of execution data that is integrated into the financial and contract reporting management information systems. These efforts include:

a.) Detailed Task Plan (DTP) accuracy.

b.) SPD line item and DTP coordination.

c.) DTP and execution (STARS) validation and accuracy.

d.) Contract discrepancy corrections.

e.) Other monthly variance/discrepancy reports.

2.) Review program execution status reports for obligation accuracy for the following efforts: recoupment of funds, field activity end of year report position, and multi-appropriation contracts.

3.) Provide detailed cost analysis studies such as cost benefit analysis, historical appropriation financial analysis, review of PARM financial and execution efforts including historical program financial analysis, and cost impact of changes in production rates and delivery schedules.

4.) Provide support for POM/program impact issue papers for the Acquisition/Program Manager.

5.) Conduct equipment/product cost and schedule surveys for the Acquisition/Program Manager.

6.) Assist in the preparation of various funding documents (excluding Procurement Requests).

7.) Provide financial analysis or studies in response to critical, urgent and/or emergent problems.

SCHEDULE**c.) Expenditure Analysis**

- 1.) Perform reviews of typical documents such as: execution documents, Form 2193, Form 2025, vouchers, PMS377/PMS317 financial reports, and STARS database listings.
- 2.) Analyze and report unliquidated expenditure data, determine performing activity status, and prepare the appropriate documentation to ensure complete accuracy with the STARS database. This effort should be integrated into both appropriation and contract close-out efforts and periodic unliquidated obligation reviews.
- 3.) Provide expenditure analysis and data reports that analyze variances from planned expenditure rates and monthly expenditure status of financial documents.
- 4.) Provide execution analysis or studies in response to critical, urgent, and/or emergent problems.

3.) Automated Data Processing (ADP)

- a.) Ensure the effective and continued utilization of the existing PMS377/PMS317 integrated management information systems (including financial, forms, logistics, contract status, trial deficiency and electronic mail/telecommunications) and ensure conformance with agency directives and standards.
- b.) Supplement the Government Information Technology staff for operational support, maintenance, user assistance, and configuration management in the functional areas of office automation, networking, and business systems. Provide technical expertise to assist in the installation, maintenance, trouble shooting, and interface of all software/hardware requirements of the PMS377/317 computers, Local Area Network (LAN), and Wide Area Network (WAN) currently in place, and support future connectivity to the NAVSEA NEWNET system. This includes operational support, user assistance, and configuration management.
- c.) Support and maintain the continued operation of all PMS377 GFE database systems as described in Attachment D to Section J of this contract. This includes support of a LAN which provides connectivity and the ability to share data and printer resources between all PC workstations; and a WAN which links the PMS377 workstations (T-1) to counterparts at the Navy Coastal Systems Station, Panama City, Florida (T-1) and the Supervisor of Shipbuilding, Conversion, and Repair in Pascagoula, Mississippi (T-3) via frame relay network connections (see Attachment D to Section J). The PMS317 AIS is comprised of a WAN and/or will utilize existing WAN's for similar functions. However, specific organizational requirements for interface are yet to be determined.

SCHEDULE

d.) Conduct necessary cost and technical studies for any prospective changes to the management information systems.

e.) Provide software/hardware expertise to invoke any approved changes to the management information system.

4.) Amphibious Ship Life Cycle Management

Provide Life Cycle Management support services including the following:

a.) Compile and review program data for the Fleet Modernization Program (FMP) for the Amphibious Ship Life Cycle Management Division.

b.) Maintain status schedules and milestones for all Regular Overhauls (ROHs), Selected Restricted Availabilities (SRAs), Dry-docking Selected Restricted Availabilities (DSRAs), Phased Maintenance Availabilities (PMAs), Dry-Docking Phased Maintenance Availabilities (DPMAs), and Service Craft Overhauls (SCOs) utilizing the existing Ship Automated Management Information System (SAMIS).

c.) Maintain a status of applicable SHIPALTs for each availability.

d.) Maintain and update Ship Alteration History files (paper file).

e.) Provide support for all FMP development process conferences, overhaul management team conferences, maintenance manager meetings, availability status briefings, and pre-contract award activities.

f.) Maintain status of FMP advance planning and related availability correspondence; track and report milestone attainment.

g.) Provide planning and management support to include planning yard liaison support, maintenance and modernization planning support, source document analysis, related review sessions, and quarterly planning yard review meetings.

h.) Assist in the preparation of FMP design and planning yard tasking correspondence. Maintain a Liaison Action Request (LAR) status management information system.

i.) Assist in the development of Alteration Material Summaries.

SCHEDULE

j.) Utilize the ship alteration material requirements, available planning yard, Naval Sea Systems Command Detachment (NAVSEACOMDET) Planning and Engineering for Repairs and Alterations for surface ships (PERA SURFACE) Philadelphia and Fleet Modernization Program Management Information System (FMPMIS) data to establish and maintain an automated SHIPALT material support data base.

k.) Assist in FMPMIS maintenance.

l.) Maintain interface capability, assist in reviews and updates of and develop/process data for liaison and implementation of other major Navy configuration management and inventory management programs, e.g. Ship Configuration and Logistic Support Information System (SCLSIS), FMPMIS, etc.

m.) Conduct analyses and studies of logistics support and associated emergent Government Furnished Equipment (GFE) management problems. Maintain management tracking systems as directed.

n.) Provide support for Integrated Logistic Support (ILS) certification requirements and Integrated Logistic Support Management Team (ILSMT).

o.) Technical Logistic Data:

1.) Provide support to the Program Manager ILS Working Group and other ILS meetings.

2.) Review drafts of ILS policy and procedures.

p.) Investigate, evaluate, or assess technical, scientific, or engineering problems and performance of existing or proposed ship systems and hardware and maintain configuration documentation including the following (CAAS portion):

1.) Provide technical support for updating and revision of the Ship Alteration Management Information System (SAMIS) and automated management information system maintained "on-line" with the Program Office.

2.) Provide technical support to determine alteration development and programming status and provide input for SAMIS.

3.) Provide technical support for the preparation, evaluation, and approval of alteration requests, proposed improvements (technical or military), JCFs and SARs by preparing Technical Service Requests (TSRs) and Technical Instructions (TIs), monitoring status, liaison with technical codes and preparing and revising record copies.

4.) Provide technical support to coordinate the Configuration Control Board (CCB) agenda, maintain and publish CCB minutes and provide summary reports of outstanding CCB actions.

SCHEDULE

- 5.) Update and revise an automated configuration change database to support the CCB.
- 6.) Update and revise an automated configuration change data base to support the CCB.
- 7.) Develop, maintain, and distribute Class Advisories Notebooks and the associated index.
- 8.) Maintain a summary matrix of outstanding Underway Material Inspection (UMI) actions, prepare TSRs to initiate corrective action, determine status through direct liaison with technical codes, and provide inputs for the PMS377 Action Tracking and SAMIS.
- 9.) Provide technical support to monitor response to TSRs, determine status through direct liaison with technical codes and maintain summary reports of action status.

PART B: O&MN/FMP (NON CAAS)

Applicable to Item 0001 and (if options are exercised) Items 0005, 0009, 0013, and 0017

1.) LCAC Life Cycle Management Program:

In support of LCAC Life Cycle Management, the contractor will provide Program, Configuration, Logistics, Financial, and Technical support management services outlined in the following paragraphs:

a.) Program Management

- 1.) Provide on-site representatives to Assault Craft Unit (ACU) 4 and ACU 5 for the purpose of providing overall support with the LCAC Class maintenance and modernization program.
- 2.) Provide technical and engineering analysis for necessary studies, reports, draft correspondence and associated support for the Life Cycle Management Director.

b.) Integrated Logistics Support Management

The contractor will perform logistics support functions including but not limited to the following:

- 1.) Review and analyze Logistics Support Reviews (LSRs). Provide draft approval letters to the ISEA to process the recommended logistics data.
- 2.) Provide technical support in the utilization of a LCAC Logistics Information Tracking System (LITS) which identifies ILS elements during LCAC availabilities.

SCHEDULE

- 3.) Conduct analyses and studies of logistics support problems.
- 4.) Conduct studies and review recommendations for changes/updating ACUs training courses and LCAC crew training curriculum based on lessons learned and casualty reports and provide appropriate recommendations to the Life Cycle Director.

c.) Technical Management

- 1.) Provide Technical Support Request (TSR) draft tasks for issuance to the ISEA and Planning Yard on technical and logistics issues, and maintain a current tracking system for management purposes.
- 2.) Review SEAOPS/fleet feedback reports and provide recommendations for incorporation into the SEAOPS manual.
- 3.) Provide input, analysis and feedback reports on LCAC mishaps and LCAC catastrophic failures.
- 4.) Assist in preparations for and conduct of Fleet Support Conference.

2.) AN/KSQ-1 and PLRS Life Cycle Management Program:

Provide the necessary studies, reports, draft correspondence and associated support to the AN/KSQ-1 & PLRS Life Cycle Management Program.

a.) Maintenance Planning:

- 1.) Develop draft plans for life cycle support of AN/KSQ-1 & PLRS including the preparation and maintenance of AN/KSQ-1 & PLRS Life Cycle Support Plans.

b.) Test and Trials Management:

- 1.) Analyze requirements for any Follow-On Test and Evaluation (FOT&E) support required by Operational Test and Evaluation Force (OPTEVFOR).
- 2.) Prepare draft updates to Test and Evaluation Master Plan (TEMP).

SCHEDULE**3.) Amphibious Ship Life Cycle Management**

Provide Amphibious Ship Life Cycle Management support services including the following:

a.) Review and analyze Regular Overhauls (ROHs), Complex Overhauls, Dry-docking Selected Restricted Availabilities (DSRAs.), Selected Restricted Availabilities (SRAs), Phased Maintenance Availabilities (PMAs), Dry-docking Phased Maintenance Availabilities (DPMAs), and Service Craft Overhauls (SCOs) contract performance consisting of cost and schedule position, contract amount, growth, and new work funds provided and projected end costs. Analyze adequacy of funds at contract close-out. Prepare trends, projection analyses and status information of overhaul performance data.

b.) Intentionally Left Blank.

c.) Review FMP-related documents to determine active SHIPALT requirements.

d.) Update and revise SHIPALT information in an automated management information system (SAMIS).

e.) Review configuration change proposals including Justification Cost Forms (JCFs) and Ship Alteration Records (SARs).

f.) Assist the Life Cycle Manager (LCM) in the resolution of ship inactivation and Navy Inactive Fleet problems.

g.) Provide combat system engineering support for detailed review and impact analysis of specification, design and technical documentation/correspondence and Kitting documentation and participation in related meetings and conferences.

h.) Perform Quality Assurance reviews of the SHIPALT material requirements maintained in the automated database to support the ship classes.

i.) Conduct quality reviews of start of overhaul/end of overhaul Coordinated Shipboard Allowance Lists (COSALs), Provisioning Technical Documentation (PTD) requirements for Integrated Logistics Overhauls (ILOs) and Integrated Logistics Reviews (ILRs).

SCHEDULE

j.) Review, analyze, monitor, and report the status of Casualty Reports (CASREPs) for material and logistic problems.

k.) Review procurement strategies to determine long lead material requirements and optimum delivery schedules.

l.) Provide maintenance and logistics support requirements for ships scheduled for transfer to the Naval Reserve Force.

m.) Provide technical review and logistics analyses of maintenance and repair requirements resulting from changes in technology, configuration, maintenance procedures and policy and document these requirements in the CMP or other appropriate correspondence of Navy publications.

n.) In support of the Class Maintenance Plan:

1.) Analyze maintenance requirements in accordance with OPNAVINST 4700.7 series and provide ILS in all aspects of ship maintenance planning.

2.) Define and research problem items, develop quarterly material requirements and prepare required documentation.

3.) Provide analyses, develop reports and other documentation to support NAVSEA sponsored maintenance and material management meetings.

4.) Analyze and research program problems and provide recommendations for corrective action as appropriate.

o.) Technical Logistic Data:

1.) Assist in the development of ILS resource requirements.

2.) Update ILSPs as necessary.

3.) Provide analytical support for Computer Aid Acquisition Logistic Initiatives.

p.) Investigate, evaluate, or assess technical, scientific, or engineering problems and performance of existing or proposed ship systems and hardware and maintain configuration documentation including the following (NON CAAS portion):

1.) Provide technical support to review correspondence and naval messages, determine action required, draft technical response and obtain technical concurrence.

2.) Provide technical support and engineering design services for quick response reviews of technical problems.

SCHEDULE

3.) Support the development of Class Advisories in all Hull, Mechanical, and Electrical (HM&E) and combat systems areas. Advisory development shall include: research, liaison with vendor representatives, SUPSHIP cognizant codes, NAVSEA technical codes and Class Design Agent representatives, promulgation of preliminary advisory drafts for concurrence, assistance to the Program Office in the coordination of technical reviews and approval through cognizant NAVSEA technical codes, Participating Managers (PARMs), vendors, and PMS codes, consolidation and incorporation of constructive comments. The contractor shall maintain accurate configuration status of all SSPO Advisories issued including a matrix which reflects action required to close out Class Advisories.

4.) Provide technical support to review Underway Material Inspection (UMI) Reports, determine status and recommend action. Liaison with technical codes for concurrence and draft responses.

5.) Provide technical support to review test plans for completeness with respect to planned work for integration and appropriate scheduling. Identify discrepancies and provide recommendations for corrective action.

6.) Provide technical support for Class Deficiency Corrective actions, investigate reported problems, recommend engineering solutions, conduct liaison with all NAVSEA technical codes and Planning Yards, monitor and provide status of corrective actions.

7.) Perform engineering reviews of vendor engineering change proposals and shipyard reports for technical accuracy and completeness.

8.) Perform investigation of technical problems in the field as directed by the Technical Director.

PART A: OPN (CAAS)

Applicable to Item 0001 and (if options are exercised) Items 0005, 0009, 0013, and 0017

1.) LCAC Life Cycle Management Program:

In support of LCAC Life Cycle Management, the contractor will provide Program, Configuration, Logistics, Financial, and Technical support management services outlined in the following paragraphs:

a.) Program Management:

1.) Provide studies, reports, draft correspondence and associated support for the Life Cycle Management Director.

SCHEDULE

- 2.) Maintain status, schedules and milestones for all Mid Life Availabilities (MLA) and Restricted Availabilities (RAV).
- 3.) Compile and maintain status of all program action items.
- 4.) Maintain a correspondence control tracking system.

b.) Configuration Management:

- 1.) Review Fleet Modernization Program related documents and provide support to identify LCAC Craft Alterations (CraftAlts) requirements.
- 2.) Maintain CraftAlts information in a readily accessible and expandable system.
- 3.) Review and compare CraftAlts development schedules.
- 4.) Maintain a status of applicable CraftAlts (K & D Alts) and Alterations Equivalent to Repairs (AER) for all LCACs and for each availability.
- 5.) Develop and maintain a configuration data repository to support the Program Office.

c.) Integrated Logistics Support Management

The contractor will perform logistics support functions including but not limited to the following:

- 1.) Provide logistics support on LCAC life cycle management policies by interfacing with planning yard, In-Service Engineering Agent (ISEA), NAVSEA equipment Life Cycle Managers, Navy Inventory Control Point (NAVICP), organic and non-organic repair depots and various DLA components (as directed).
- 2.) Develop draft material ordering instructions for implementation to the Technical and Engineering Support Services (TESS) contract by the Assault Craft Units (ACUs) when requesting material not supported by the supply system.

d.) Technical Management:

- 1.) Provide draft, monitor and maintain a Class Advisory Logbook.
- 2.) Provide quick-response reviews and maintain status of technical problems.

e.) Financial Analysis Support:

- 1.) Provide quality control analysis and verification of execution data that is integrated into the financial and contract reporting management information systems. These efforts include:
 - a.) SPD line item and DTP coordination.
 - b.) LANMIS/STARS validation and accuracy.
 - c.) Contract discrepancy corrections.
 - d.) Other monthly variance/discrepancy reports.

SCHEDULE

2.) Review program execution status reports for obligation accuracy for the following efforts: recoupment of funds, field activity end of year report position, and multi-appropriation contracts.

3.) Provide detailed cost analysis studies such as cost benefit analysis, historical appropriation financial analysis, review of PARM financial and execution efforts, including historical program financial analysis, and cost impact of changes in production rates and delivery schedules.

4.) Provide support for POM/program impact issue papers for the Acquisition/Program Manager.

5.) Conduct equipment/product cost and schedule surveys for the Acquisition/Program Manager.

6.) Assist in the preparation of various funding documents (excluding Procurement Requests).

7.) Provide financial analysis or studies in response to critical, urgent and/or emergent problems.

2.) AN/KSQ-1 and PLRS Life Cycle Management Program:

Provide the necessary studies, reports, draft correspondence and associated support to the AN/KSQ-1 & PLRS Acquisition Program.

a.) Support for Acquisition Planning, Processing, and Monitoring:**1.) Planning:**

a.) Collect and analyze project program schedule information for formulation of a chronological procurement item schedule, considering lead times for processing.

b.) Review, evaluate and provide recommended changes to technical data collected for input into procurement planning documents.

c.) Collect and analyze data required for the preparation of new procurement approval documentation.

d.) Identify requirements for AN/KSQ-1 & PLRS acquisition program.

2.) Processing:

a.) Collect, edit, and maintain technical information provided by PMS377/ PMS317.

b.) Within the provisions set forth in NAVSEAINST 4200.19 "SERVICE CONTRACT RESTRICTIONS AND SAFEGUARDS," edit and prepare documentation for the initial draft stages of the procurement approval cycle.

SCHEDULE

c.) Within the provisions set forth in NAVSEAINST 4200.19 "SERVICE CONTRACT RESTRICTIONS AND SAFEGUARDS", prepare draft procurement planning data in appropriate formats and submit for review.

d.) Establish and maintain data repositories for procurement instruments.

3.) *Monitoring:*

a.) Develop and provide reports on content and status of procurement planning documents related to project programs.

b.) Maintain data and provide information necessary for the monitoring of specialized procurement authorization documents.

c.) Monitor execution of assigned tasks of Acquisition Engineering Agent (AEA), System Integration Agent (SIA) and Technical Direction Agent (TDA) in acquisition of AN/KSQ-1 & PLRS systems.

PART B: OPN (NON CAAS)

Applicable to Item 0001 and (if options are exercised) Items 0005, 0009, 0013, and 0017

1.) LCAC Life Cycle Management Program:

In support of LCAC Life Cycle Management, the contractor will provide Program, Configuration, Logistics, Financial, and Technical support management services outlined in the following paragraphs:

a.) **Program Management:**

1.) Provide on-site representatives to ACU 4 and ACU 5 for the purpose of providing overall support with the LCAC Class maintenance and modernization program.

b.) **Integrated Logistics Support Management:**

The contractor will perform logistics support functions including but not limited to the following:

1.) Review and analyze Logistics Support Reviews (LSRs). Provide draft approval letters to the ISEA to process the recommended logistics data.

2.) Provide technical support in the utilization of an automated LCAC Logistics Information Tracking System (LITS) which identifies ILS elements during LCAC availabilities.

3.) Conduct analyses and studies of logistics support problems.

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4.) Conduct studies and review recommendation for changes/updating ACUs training courses and LCAC crew training curriculum based on lessons learned and casualty reports and provide appropriate recommendations to the Life Cycle Director.

c.) Technical Management:

1.) Provide Technical Support Request (TSR) draft tasks for issuance to the ISEA and Planning Yard on technical and logistics issues, and maintain a current tracking system for management purposes.

2.) Review SEAOPS/fleet feedback reports and provide recommendations for incorporation into the SEAOPS manual.

3.) Provide input, analysis and feedback reports on LCAC mishaps and LCAC catastrophic failures.

FMS (NON CAAS ONLY)

Applicable to Item 0001 and (if options are exercised) Items 0005, 0009, 0013, and 0017

1.) Japanese LCAC Acquisition Support:

a.) In support of FMS Case designator JA-P-GXS and TBDs:

1.) Development/update of maintenance concepts for the Japanese LCAC Class Maintenance Plans and TBDs LCAC Class Maintenance Plans.

2.) Modification/update of SEAOPS manuals for Japanese and TBDs applications.

3.) Review of PMS to coincide with Japanese and TBDs maintenance applications.

4.) Planning support for Japanese and TBDs crew training (crew selection criteria and processing).

5.) Prepare studies and responses to critical, urgent, and/or emerging engineering and/or technical issues unique to the Japanese and TBDs LCAC.

b.) Support of Follow-On Technical Support (FOTS) efforts or acquisition of future craft, as required.

2.) FMS Acquisition Support:

a.) In support of FMS Case designator TBDs, provide support for feasibility studies, response to questions, and related general acquisition activities (as required) for acquisition of LHD, LSD(CV), or other amphibious ships through FMS purchase.

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Items 0003 and 0004 (and, if options are exercised, Items 0007, 0008, 0011, 0012, 0015, 0016, 0019 and 0020) - Support for Items 0001, 0002, (and if options are exercised, Items 0005, 0006, 0009, 0010, 0013, 0014, 0017, and 0018.

The Contractor shall be reimbursed under these items for its reasonable actual subsistence and transportation costs incurred in the performance of Items 0001, 0002, (and if options are exercised, Items 0005, 0006, 0009, 0010, 0013, 0014, 0017, and 0018 in accordance with FAR 31.205-46.

The maximum amount for these items shall not exceed the estimated amount set forth in Section B. If the Contractor has reason to believe that costs it expects to incur in performance of this item will exceed the estimated amount set forth in Section B, the Contractor shall so notify the Contracting Officer giving its estimate for performance under this item. The Contracting Officer may, upon receipt of such notice or whenever the Contracting Officer considers it necessary, increase the estimated amount set forth in Section B.

Item 0021 - Data for Items 0001 through 0004 (and, if options are exercised, Items 0005 through 0020). The data to be furnished hereunder shall be prepared in accordance with the Contract Data Requirements List (CDRL), DD Form 1423, Exhibit "A", attached hereto.

SCHEDULE**PART 2 - GENERAL REQUIREMENTS****CONTRACTOR'S PROPOSAL (NAVSEA) (SEP 1990)**

- (a) Performance of this contract by the Contractor shall be conducted and performed in accordance with detailed obligations to which the Contractor committed itself in Proposal TMA-G-98-0172 dated 10 July 1998 in response to NAVSEA Solicitation No. N00024-97-R-6401(Q).
- (b) The technical volume(s) of the Contractor's proposal is incorporated by reference and hereby made subject to the provisions of the "ORDER OF PRECEDENCE" (FAR 52.215-33) clause of this contract. Under the "ORDER OF PRECEDENCE" clause, the technical volume of the Contractor's proposal referenced herein is hereby designated as item (f) of the clause, following "the specification" in the order of precedence.

ORGANIZATIONAL CONFLICT OF INTEREST (NAVSEA) (NOV 1996)

- (a) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage. "Person" as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.
- (b) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organizational conflict of interest(s) as defined in paragraph (a).
- (c) It is recognized that the effort to be performed by the Contractor under this contract may create a potential organizational conflict of interest on the instant contract or on a future acquisition. In order to avoid this potential conflict of interest, and at the same time to avoid prejudicing the best interest of the Government, the right of the Contractor to participate in future procurement of equipment and/or services that are the subject of any work under this contract shall be limited as described below in accordance with the requirements of FAR 9.5.
- (d) (1) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information provided to the Contractor by the Government during or as a result of performance of this contract. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, e.g., where the information has been included in Contractor generated work or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.

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- (2) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information generated or derived during or as a result of performance of this contract. This prohibition shall expire after a period of three years after completion of performance of this contract.
- (3) The prohibitions contained in subparagraphs (d)(1) and (d)(2) shall apply with equal force to any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may merge or affiliate, or any successor or assign of the Contractor. The terms of paragraph (f) of this Special Contract Requirement relating to notification shall apply to any release of information in contravention of this paragraph (d).
- (e) The Contractor further agrees that, during the performance of this contract and for a period of three years after completion of performance of this contract, the Contractor, any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may subsequently merge or affiliate, or any other successor or assign of the Contractor, shall not furnish to the United States Government, either as a prime contractor or as a subcontractor, or as a consultant to a prime contractor or subcontractor, any system, component or services which is the subject of the work to be performed under this contract. This exclusion does not apply to any recompetition for those systems, components or services furnished pursuant to this contract. As provided in FAR 9.505-2, if the Government procures the system, component, or services on the basis of work statements growing out of the effort performed under this contract, from a source other than the contractor, subcontractor, affiliate, or assign of either, during the course of performance of this contract or before the three year period following completion of this contract has lapsed, the Contractor may, with the authorization of the cognizant Contracting Officer, participate in a subsequent procurement for the same system, component, or service. In other words, the Contractor may be authorized to compete for procurement(s) for systems, components or services subsequent to an intervening procurement.
- (f) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest, it shall make immediate and full disclosure in writing to the Contracting Officer. The notification shall include a description of the actual or potential organizational conflict of interest, a description of the action which the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the conflict, and any other relevant information that would assist the Contracting Officer in making a determination on this matter. Notwithstanding this notification, the Government may terminate the contract for the convenience of the Government if determined to be in the best interest of the Government.
- (g) Notwithstanding paragraph (f) above, if the Contractor was aware, or should have been aware, of an organizational conflict of interest prior to the award of this contract or becomes, or

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should become, aware of an organizational conflict of interest after award of this contract and does not make an immediate and full disclosure in writing to the Contracting Officer, the Government may terminate this contract for default.

(h) If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default.

(i) The Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final and is not subject to the clause of this contract entitled "DISPUTES" (FAR 52.233-1).

(j) Nothing in this requirement is intended to prohibit or preclude the Contractor from marketing or selling to the United States Government its product lines in existence on the effective date of this contract; nor, shall this requirement preclude the Contractor from participating in any research and development or delivering any design development model or prototype of any such equipment. Additionally, sale of catalog or standard commercial items are exempt from this requirement.

(k) The Contractor shall promptly notify the Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure proper safeguards exist to guarantee objectivity and to protect the Government's interest.

(l) The Contractor shall include this requirement in subcontracts of any tier which involve access to information or situations/conditions covered by the preceding paragraphs, substituting "subcontractor" for "contractor" where appropriate.

(m) The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law or elsewhere included in this contract.

(n) Compliance with this requirement is a material requirement of this contract.

ACCESS TO PROPRIETARY DATA OR COMPUTER SOFTWARE (NAVSEA) (JUN 1994)

(a) Performance under this contract may require that the Contractor have access to technical data, computer software, or other sensitive data of another party who asserts that such data or software is proprietary. If access to such data or software is required or to be provided, the Contractor shall enter into a written agreement with such party prior to gaining access to such data or software. The agreement shall address, at a minimum, (1) access to, and use of, the proprietary data or software exclusively for the purposes of performance of the work required by this contract, and (2) safeguards to protect such data or software from unauthorized use or

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disclosure for so long as the data or software remains proprietary. In addition, the agreement shall not impose any limitation upon the Government or its employees with respect to such data or software. A copy of the executed agreement shall be provided to the Contracting Officer. The Government may unilaterally modify the contract to list those third parties with which the Contractor has agreement(s).

(b) The Contractor agrees to: (1) indoctrinate its personnel who will have access to the data or software as to the restrictions under which access is granted; (2) not disclose the data or software to another party or other Contractor personnel except as authorized by the Contracting Officer; (3) not engage in any other action, venture, or employment wherein this information will be used, other than under this contract, in any manner inconsistent with the spirit and intent of this requirement; (4) not disclose the data or software to any other party, including, but not limited to, joint venturer, affiliate, successor, or assign of the Contractor; and (5) reproduce the restrictive stamp, marking, or legend on each use of the data or software whether in whole or in part.

(c) The restrictions on use and disclosure of the data and software described above also apply to such information received from the Government through any means to which the Contractor has access in the performance of this contract that contains proprietary or other restrictive markings.

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(d) The Contractor agrees that it will promptly notify the Contracting Officer of any attempt by an individual, company, or Government representative not directly involved in the effort to be performed under this contract to gain access to such proprietary information. Such notification shall include the name and organization of the individual, company, or Government representative seeking access to such information.

(e) The Contractor shall include this requirement in subcontracts of any tier which involve access to information covered by paragraph (a), substituting "subcontractor" for "Contractor" where appropriate.

(f) Compliance with this requirement is a material requirement of this contract.

YEAR 2000 WARRANTY--COMMERCIAL SUPPLY ITEMS (NAVSEA) (NOV 1996)

The Contractor warrants that each hardware, software, and firmware product delivered under this contract and listed below shall be able to accurately process date data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, including leap year calculations, when used in accordance with the product documentation provided by the Contractor, provided that all listed or unlisted products (e.g., hardware, software, firmware) used in combination with such listed product properly exchange date data with it. If the contract requires that specific listed products must perform as a system in accordance with the foregoing warranty, then that warranty shall apply to those listed products as a system. The duration of this warranty and the remedies available to the Government for breach of this warranty shall be as defined in, and subject to, the terms and limitations of the Contractor's standard commercial warranty or warranties contained in this contract, provided that notwithstanding any provision to the contrary in such commercial warranty or warranties, the remedies available to the Government under this warranty shall include repair or replacement of any listed product whose non-compliance is discovered and made known to the Contractor in writing within ninety (90) days after acceptance. Nothing in this warranty shall be construed to limit any rights or remedies the Government may otherwise have under this contract with respect to defects other than Year 2000 performance.

YEAR 2000 WARRANTY--NON-COMMERCIAL SUPPLY ITEMS (NAVSEA) (NOV 1996)

The Contractor warrants that each non-commercial item of hardware, software, and firmware delivered or developed under this contract and listed below shall be able to accurately process date data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, including leap year calculations, when used in accordance with the product documentation provided by the Contractor, provided that all listed or unlisted products (e.g., hardware, software, firmware) used in combination with such listed product properly exchange date data with it. If the contract requires that specific listed products must perform as a

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system in accordance with the foregoing warranty, then that warranty shall apply to those listed products as a system. The duration of this warranty and the remedies available to the Government for breach of this warranty shall be as defined in, and subject to, the terms and limitations of the Contractor's standard commercial warranty or warranties contained in this contract, provided that notwithstanding any provision to the contrary in such warranty provision(s), or in the absence of any such warranty provision(s), the remedies available to the Government under this warranty shall include repair or replacement of any listed item whose non-compliance is discovered and made known to the Contractor in writing within ninety (90) days after acceptance. Nothing in this warranty shall be construed to limit any rights or remedies the Government may otherwise have under this contract with respect to defects other than Year 2000 performance.

YEAR 2000 WARRANTY--INFORMATION TECHNOLOGY (NAVSEA) (SEP 1998)

(a) The Contractor warrants that all information technology (IT) (as defined at FAR 2.101), whether commercial or noncommercial, delivered under this contract will be required to perform date/time processing involving dates subsequent to December 31, 1999, shall be Year 2000 compliant if properly installed, operated, and maintained in accordance with the contract specifications and applicable documentation. If the contract requires that specific deliverables operate together as a system, this warranty shall apply to those deliverables as a system.

(b) "Year 2000 compliant" (as defined at FAR 39.002) means that the IT accurately processes date/time data (including, but not limited to, calculating, comparing, and sequencing), from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations, to the extent that other IT, used in combination with the IT being delivered, properly exchanges date/time data with it. The "proper exchange" of date/time data shall be in accordance with the interface requirements specifications (s) of the contract.

(c) For line item deliverables which are commercial items (as defined at FAR 2.101), and which include commercial IT, the terms and conditions of the standard commercial warranty covering such commercial IT shall apply in addition to, and to the extent such terms and conditions are consistent with, this warranty. Any applicable commercial warranty shall be incorporated into this contract by attachment

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(d) Notwithstanding any provision to the contrary in other warranty requirement(s) of this contract, or in the absence of any such warranty requirement(s), the remedies available to the Government under this warranty shall include those provided in the Inspection clause (s) of this contract. Nothing in this warranty shall be construed to limit any rights or remedies the Government may otherwise have under this contract.

(e) Unless specified elsewhere in the contract, the Contractor will also deliver to the Government a report summarizing any Year 2000 compliance testing that was performed, and the results thereof.

(f) This warranty shall expire on 31 January 2001, or one hundred eight (180) days after acceptance of the last deliverable IT item under this contract (including any option exercised hereunder), whichever is later.

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SECTION D - PACKAGING AND MARKING

Item 0021 - All unclassified data shall be prepared for shipment in accordance with best commercial practice. Classified reports, data, and documentation shall be prepared for shipment in accordance with DOD Industrial Security Manual for Safeguarding Classified Information, DOD 5220.22-M dated 3 January 1991.

MARKING OF REPORTS (NAVSEA) (SEP 1990)

All reports delivered by the Contractor to the Government under this contract shall prominently show on the cover of the report:

- (1) name and business address of the Contractor
- (2) contract number
- (3) contract dollar amount
- (4) whether the contract was competitively or non-competitively awarded
- (5) sponsor:

PMS377 Program Manager/PMS317 Program Manager

(Name of Individual Sponsor)

Naval Sea Systems Command

(Name of Requiring Activity)

Arlington, VA 22242

(City and State)

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SECTION E - INSPECTION AND ACCEPTANCE

Items 0001 through 0004 and (if options are exercised) Items 0005 through 0020 - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government.

Inspection and acceptance of all data shall be as specified on the attached Contract Data Requirements List(s), DD Form 1423.

CLAUSES INCORPORATED BY REFERENCE

<u>FAR SOURCE</u>	<u>TITLE AND DATE</u>
52.246-3	INSPECTION OF SUPPLIES--COST-REIMBURSEMENT (APR 1984)
52.246-5	INSPECTION OF SERVICES--COST-REIMBURSEMENT (APR 1984)

SCHEDULE**SECTION F - DELIVERIES OR PERFORMANCE**

The Contractor shall perform the work described in SECTION C, at the level of effort specified in SECTION B, as follows:

<u>ITEM(S)</u>	<u>FROM</u>	<u>TO</u>
0001AA - 0001AD	Effective contract award date	6 WACAD*
0001BA - 0001BD	Effective contract award date	6 WACAD*
0002BA	Effective contract award date	6 WACAD*
0004AA	Effective contract award date	6 WACAD*
Option 0001 CLINS	Effective modification award date	12 MAMAD**
Option 0002 CLINS	Effective modification award date	12 MAMAD**
0004AB	Effective modification award date	12 MAMAD**
0005 - 0008	Effective modification award date	12 MAMAD**
0009 - 0012	Effective modification award date	12 MAMAD**
0013 - 0016	Effective modification award date	12 MAMAD**
0017 - 0020	Effective modification award date	12 MAMAD**

Note * WACAD Weeks After Contract Award Date
 **MAMAD Months After Modification Award Date

Item 0021 - All data to be furnished under this contract shall be delivered prepaid to the destination(s) and at the time(s) specified on the Contract Data Requirements List(s), DD Form 1423.

CLAUSES INCORPORATED BY REFERENCE

<u>FAR SOURCE</u>	<u>TITLE AND DATE</u>
52.242-15 and Alt I	STOP-WORK ORDER (AUG 1989) AND ALTERNATE I (APR 1984)
52.247-65	F.O.B. ORIGIN, PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS (JAN 1991)

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SECTION G - CONTRACT ADMINISTRATION DATA

(a) Enter below the Contractor's address for receipt of payment if such address is different from the address shown on the SF 26 or SF 33, as applicable.

N/A

(b) Enter below the address (street and number, city, county, state and zip code) of the Contractor's facility which will administer the contract if such address is different from the address shown on the SF 26 or SF 33, as applicable.

N/A

PURCHASING OFFICE REPRESENTATIVE:

COMMANDER

ATTN: Mr. Steven O. Santos, SEA 02224
NAVAL SEA SYSTEMS COMMAND
2531 JEFFERSON DAVIS HWY
ARLINGTON VA 22242-5160
Telephone No. 703/602-3102 ext 223

CONTRACTING OFFICER'S REPRESENTATIVE (COR) (For PMS 377 Support):

COMMANDER

ATTN: Mr. Mark Dodd, PMS 3773B
Carriers, Littoral Warfare, and Auxiliary Ships
NAVAL SEA SYSTEMS COMMAND
2531 JEFFERSON DAVIS HWY
ARLINGTON VA 22242-5160
Telephone No. 703/602-4690

CONTRACTING OFFICER'S REPRESENTATIVE (COR) (For PMS 317 Support):

COMMANDER

ATTN: LCDR Scott A. Cohen, PMS 317
Carriers, Littoral Warfare, and Auxiliary Ships
NAVAL SEA SYSTEMS COMMAND
2531 JEFFERSON DAVIS HWY
ARLINGTON VA 22242-5160
Telephone No. 703/413-4996

The Contractor shall forward a copy of all invoices to the Contracting Officer's Representative.

SCHEDULE**SECTION H - SPECIAL CONTRACT REQUIREMENTS**

<u>NUMBER</u>	<u>TITLE</u>	<u>PAGE</u>
H-1 NAVSEA 5252.202-9101	ADDITIONAL DEFINITIONS (MAY 1993)	82
H-2 NAVSEA 5252.232-9104 ALT I	ALLOTMENT OF FUND-ALTERNATE I (MAY 1993)	83
H-3 NAVSEA 5252.227-9113	GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (JUL 1995)	84
H-4 NAVSEA 5252.216-9122	LEVEL OF EFFORT (JUL 1986)	84
H-5 NAVSEA 5252.237-9106	SUBSTITUTION OF PERSONNEL (SEP 1990)	86
H-6 NAVSEA 5252.242-9115	TECHNICAL INSTRUCTIONS (MAY 1993)	87
H-7 NAVSEA 5252.245-9108	GOVERNMENT FURNISHED PROPERTY (PERFORMANCE) (SEP 1990)	88
H-8	ADDITIONAL PROVISIONS RELATING TO PROCUREMENT OF GENERAL PURPOSE EQUIPMENT	89

H-1 NAVSEA 5252.202-9101 ADDITIONAL DEFINITIONS (MAY 1993)

As used throughout this contract, the following terms shall have the meanings set forth below:

- (a) DEPARTMENT - means the Department of the Navy.
- (b) REFERENCES TO THE FEDERAL ACQUISITION REGULATION (FAR) - All references to the FAR in this contract shall be deemed to also reference the appropriate sections of the Defense FAR Supplement (DFARS), unless clearly indicated otherwise.
- (c) REFERENCES TO ARMED SERVICES PROCUREMENT REGULATION OR DEFENSE ACQUISITION REGULATION - All references in this document to either the Armed Services Procurement Regulation (ASPR) or the Defense Acquisition Regulation (DAR) shall be deemed to be references to the appropriate sections of the FAR/DFARS.

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H-2 NAVSEA 5252.232-9104
ALT I

ALLOTMENT OF FUNDS ALTERNATE I
(MAY 1993)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of base fee, if any, and award fee are set forth below. Base fee amount is subject to the clause entitled "FIXED FEE" (FAR 52.216-8). Award fee amount is subject to the requirements delineated in clause entitled "DETERMINATION OF AWARD FEE". The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

<u>ITEM(S)</u>	<u>ESTIMATED COST</u>	<u>AWARD FEE</u>	<u>ESTIMATED PERIOD OF PERFORMANCE</u>
0002AB	\$297,658	\$26,483	See Section F
0004	\$17,377	NA	See Section F
0001AA	\$316,000	\$22,212	See Section F
0001AB	\$135,000	\$9,487	See Section F
0001AC	\$98,000	\$6,878	See Section F
0001AD	\$39,000	\$2,727	See Section F
0001BA	\$79,000	\$5,552	See Section F
0001BB	\$34,000	\$2,372	See Section F
0001BC	\$24,000	\$1,719	See Section F
0001BD	\$10,000	\$680	See Section F

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLINs/SLINs 0001AA-0001AD & 0001BA-0001BD, 0002AB & 0004AA are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable.

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

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SCHEDULE**H-3 NAVSEA 5252.227-9113 GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (JUL 1995)**

(a) The Contractor shall participate in the appropriate interchange of the Government-Industry Data Exchange Program (GIDEP) in accordance with NAVSEA S0300-BU-GYD-010 dated November 1994. Data entered is retained by the program and provided to qualified participants. Compliance with this requirement shall not relieve the Contractor from complying with any other requirement of the contract.

(b) The Contractor agrees to insert paragraph (a) of this requirement in any subcontract hereunder exceeding \$500,000.00. When so inserted, the word "Contractor" shall be changed to "Subcontractor".

H-4 NAVSEA 5252.216-9122 LEVEL OF EFFORT (JUL 1986)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be 2,124,604 total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

(b) Of the total man-hours of direct labor set forth above, it is estimated that 91,868 (Offeror to fill-in) man-hours are uncompensated effort.

Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations, or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately *** hours per week. It is understood and agreed that the rate of man-

*** 10,128 manhours per week for the base year
 7,988 manhours per week for Option I
 7,375 manhours per week for Option II
 7,683 manhours per week for Option III
 7,683 manhours per week for Option IV

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hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

$$\text{Fee Reduction} = \text{Fee} \frac{(\text{Required LOE} - \text{Expended LOE})}{\text{Required LOE}}$$

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man-hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

(h) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

SCHEDULE

(i) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man-hours up to five percent in excess of the total man-hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

H-5 NAVSEA 5252.237-9106**SUBSTITUTION OF PERSONNEL (SEP 1990)**

(a) The Contractor agrees that a partial basis for award of this contract is the list of key personnel proposed. Accordingly, the Contractor agrees to assign to this contract those key persons whose resumes were submitted with the proposal necessary to fulfill the requirements of the contract. No substitution shall be made without prior notification to and concurrence of the Contracting Officer in accordance with this requirement.

(b) All proposed substitutes shall have qualifications equal to or higher than the qualifications of the person to be replaced. The Contracting Officer shall be notified in writing of any proposed substitution at least forty-five (45) days, or ninety (90) days if a security clearance is to be obtained, in advance of the proposed substitution. Such notification shall include: (1) an explanation of the circumstances necessitating the substitution; (2) a complete resume of the proposed substitute; and (3) any other information requested by the Contracting Officer to enable him/her to judge whether or not the Contractor is maintaining the same high quality of personnel that provided the partial basis for award.

SCHEDULE**H-6 NAVSEA 5252.242-9115 TECHNICAL INSTRUCTIONS (MAY 1993)**

(a) Performance of the work hereunder shall be subject to written technical instructions signed by the Contracting Officer's Representative specified in Section G of this contract. As used herein, technical instructions are defined to include the following:

(1) Directions to the Contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the contractual statement of work.

(2) Guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the contract. Technical instructions may not be used to: (1) assign additional work under the contract; (2) direct a change as defined in the "CHANGES" clause of this contract; (3) increase or decrease the contract price or estimated contract amount (including fee), as applicable, the level of effort, or the time required for contract performance; or (4) change any of the terms, conditions or specifications of the contract.

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the contract or is inconsistent with this requirement, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after the receipt of any such instruction. The Contractor shall not proceed with the work affected by the technical instruction unless and until the Contractor is notified by the Contracting Officer that the technical instruction is within the scope of this contract.

(d) Nothing in the foregoing paragraph shall be construed to excuse the Contractor from performing that portion of the contractual work statement which is not affected by the disputed technical instruction.

SCHEDULE

H-7 NAVSEA 5252.245-9108

GOVERNMENT FURNISHED PROPERTY
(PERFORMANCE) (SEP 1990)

The Government will provide only that property set forth below, notwithstanding any term or condition of this contract to the contrary. Upon Contractor's written request to the cognizant Technical Program Manager, via the cognizant Contract Administration Office, the Government will furnish the following for use in the performance of this contract:

<u>ITEM DESCRIPTION</u>	<u>QTY</u>
<u>ADP Items</u>	
Server: Novell/Microdyne Access	1
Lattisnet Ethernet Concentrator	1
Network Management Module	1
10 Base-T Host Module	7
NetWare 3.11 Software - 100 Users	1
CC Mail for DOS Initial License	1
25 User Add On	4
Net Scheduler for DOS, V3.0	4
Compaq system Pro XL: 486/50	1
RAM: 16 Meg Upgrade	1
Hard Drive: 2 Gig Standard - Raid 5	1
Tape Drive: 5 Gig	1
RAM: 16 Meg Standard	1
Router: ACS 4200	3
Interface Card: Dual Port WAN	3
Interface Adapter: V.35	3
Interface Card: Single Port WAN	1
Interface Adapter: RS232 V.24/V.28	4
Interface Card: Ethernet 802.3	4
Cable: V.35 10 Ft.	3
Cable: RS232 10 Ft.	4
Cray Communications T1 CSU	3
Uninterruptable Power Supply	2
Powerchute Plus Software	1
Modem: Intel External 14.4 KBPS	4
AUI (Thick Ethernet) Cables 10	4
Ethernet BNCS - Package 50	50
Coaxial Crimp Tool	1
AUI 10 Base-T Transceiver	1
Rack Mount Kit: ACC 4200 Router	1

SCHEDULE

<u>ITEM DESCRIPTION</u>	<u>QTY</u>
Ethernet Card: SMC 32-bit 10 Base	1
Lotus CC: Mail Gateway	1
CC: Mail 25 User Pack	2
CC: Mail ADE Automated Director	1
Transceiver: 10 Base - T to Coax	1
Calendar Network Scheduler	1
SynOptics 600 Lattis Net "Easy View"	1
Central Point Anti-Virus for NetWare	1
Automenu Version 4.7	1
Cheyenne Arcserve Version 4.0	1
Arcserve V4.0 NLM with Windows	1
Compaq System Pro File Server (386)	1
IWI 386 Communications Server	1
Unisys CD-ROM Server	1
Hard Drive in TRW SASP	1
Dell Pentium Computer	4
28.8 kbps modem	4

Non-ADP Items:

Canon NP 680 Microfiche Reader Printer	
w/letter and ledger cassettes	1
Fiche Carrier 190 RII	1
Zoom Lens 9-16x	1

**H-8 ADDITIONAL PROVISIONS RELATING TO PROCUREMENT OF
GENERAL PURPOSE EQUIPMENT (DEC 1997)**

It is Government policy that contractors furnish all property necessary to perform contracts unless otherwise determined to be in the Government's interests. To that end, the Contractor shall not allocate as a direct charge to this contract the cost to acquire general purpose equipment, such as personal computers, fax machines, camcorders, and furniture, unless a waiver to procure such equipment has been obtained in advance from the procuring contracting officer.